

Appl. No. 10/691,268
Atty. Docket No.: 2001B105/2
Amdt. dated June 26, 2006
Reply to Final Office Action of May 4, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in this application.

Listing of Claims:

- 1.-19. (Canceled)
20. (Currently Amended) A molecular sieve catalyst composition comprising a molecular sieve, which molecular sieve comprises, in combination, ~~from within the reaction mixture from which said molecular sieve is formed,~~ at least one templating agent, a polymeric base, and at least one of the group consisting of a silicon source, a phosphorous source and an aluminum source, said molecular sieve being synthesized by the steps of: (a) forming a reaction mixture of said at least one templating agent and said at least one of the group consisting of a silicon source, a phosphorous source and an aluminum source; (b) introducing to said reaction mixture said polymeric base; and (c) removing said molecular sieve from said reaction mixture.
21. (Original) The molecular sieve catalyst composition of claim 20, wherein the molecular sieve catalyst composition is dried.
22. (Original) The molecular sieve catalyst composition of claim 20 wherein the molecular sieve catalyst composition comprises of a silicon source, a phosphorous source and an aluminum source.
- 23.-30. (Canceled)
31. (Previously Presented) The composition of Claim 20 wherein the polymeric base is a soluble polymeric base.
32. (Previously Presented) The composition of Claim 20 wherein the polymeric base is a polymeric imine.
33. (Previously Presented) The composition of Claim 20 wherein the polymeric base is represented by the formula:

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wherein m is from 10 to 20,000, and n is from 1 to 2,000.

34. (Previously Presented) The composition of Claim 20 wherein the mole ratio of the monomeric unit of the polymeric base to the templating agent is less than 20.
35. (Previously Presented) The composition of claim 20 wherein the non-ionic polymeric base in an aqueous solution has a pH in the range of from 8 to 14.
36. (Previously Presented) The composition of claim 20 wherein the templating agent is a quaternary ammonium hydroxide or a quaternary ammonium salt.
37. (Previously Presented) The composition of claim 20 wherein the polymeric base is selected from the group consisting of: epichlorohydrin modified polyethylenimine, ethoxylated polyethylenimine, polypropylenimine diamine dendrimers, poly(allylamine), poly(1,2-dihydro-2,2,4-trimethylquinoline), and poly(dimethylamine-co-epichlorohydrin-co-ethylenediamine).